Each of non-alphanumeric light emitting diodes **302** may be configured to indicate an on state, an off state, a color, and/or the like. Each of non-alphanumeric light emitting diodes **302** may be controlled individually, may each indicate specific information intended to be communicated to a user of the apparatus, and/or the like.

[0098] In many circumstances, it may be desirable to permit a user to interact with an electronic apparatus notwithstanding the lack of a robust input interface. For example, the electronic apparatus may lack a user-accessible button input interface, lack a physical input interface that is sufficient for complex interactions with the electronic apparatus, and/or the like. In such an example, it may be desirable to configure the electronic apparatus such that a user of the electronic apparatus may communicate with the electronic apparatus, indicate a desire of the user to cause the electronic apparatus to perform certain operations, and/or the like. In at least one example embodiment, an apparatus receives motion information indicative of an input gesture. The motion information may be received by way of at least one motion sensor. In at least one example embodiment, the motion sensor is comprised by the apparatus. The motion sensor may be an accelerometer motion sensor, a gyroscopic motion sensor, a micro vibration motion sensor, a rotation vector motion sensor, a geomagnetic field motion sensor, a gravity motion sensor, an orientation motion sensor, and/or the like. The motion information and the input gesture may be similar as described regarding FIGS. 4A-4J.

[0099] In many circumstances, an electronic apparatus comprises a firmware. Firmware is often stored by the electronic apparatus in persistent memory, and comprises instructions that facilitate the operation of the electronic apparatus. For example, the firmware of an electronic apparatus may provide one or more control program for the electronic apparatus. The firmware may be stored in non-volatile memory comprised by the apparatus, for example, in flash memory, in read-only memory, and/or the like. In at least one example embodiment, firmware comprises instructions associated with basic functions of an apparatus. In such an example embodiment, the firmware may provide services to higher-level software comprised by the apparatus. In at least one example embodiment, firmware is be associated with an embedded system.

[0100] From time to time, a user may desire to update the firmware of the user's electronic apparatus. For example, the more recent firmware may eliminate a bug in the firmware, may add additional features to the electronic apparatus, and/or the like. In such circumstances, the user of the electronic apparatus may desire to indicate the user's desire to have the electronic apparatus firmware updated to the electronic apparatus. In at least one example embodiment, an apparatus determines that an input gesture is a firmware update gesture. In such an example embodiment, the firmware update gesture may be indicative of a directive to update a firmware of the apparatus. Updating the firmware of the apparatus may be associated with overwriting the existing firmware, modifying the existing firmware, and/or the like.

[0101] In many circumstances, a firmware for an electronic apparatus may be stored on a separate apparatus. For example, the firmware may be stored on a separate apparatus, on a server, in a firmware repository on a remote service platform, and/or the like. In at least one example embodiment, the apparatus is a peripheral apparatus, and the

separate apparatus is a host apparatus. For example, as depicted in FIG. **2A**, the apparatus may be apparatus **202**, and the separate apparatus may be host **204**. In at least one example embodiment, the separate apparatus is a server apparatus. For example, as depicted in FIG. **2B**, the apparatus may be apparatus **222**, and the separate apparatus may be server **226**. As such, in order to facilitate updating of the firmware of the electronic apparatus, it may be desirable to configure the electronic apparatus such that the electronic apparatus may retrieve the firmware from the separate apparatus, receive the firmware from the separate apparatus, and/or the like. In at least one example embodiment, an apparatus sends a firmware download request to a separate apparatus. The sending of the firmware download request may be based, at least in part, on the determination that the input gesture is the firmware update. For example, the sending of the firmware download request may be caused by the determination that the input gesture is the firmware update. In at least one example embodiment, an apparatus sends the firmware download request to the separate apparatus by way of at least one proximity-based communication channel. The proximity-based communication channel may be similar as described regarding FIGS. **2A-2B**.

[0102] In many circumstances, a firmware is specific to a particular electronic apparatus, a particular type of electronic apparatus, and/or the like. For example, an electronic apparatus of a type may comprise a firmware, and a different electronic apparatus of the type may comprise a different firmware. In another example, an electronic apparatus of a type may comprise a firmware, and an electronic apparatus of a different type may comprise a different firmware. As such, it may be desirable to request a specific firmware based, at least in part, on an identity of an electronic apparatus, a type of the electronic apparatus, and/or the like. In at least one example embodiment, an apparatus determines an identity of the apparatus. For example, the apparatus may determine an identification number that identifies the apparatus, a unique identifier that identifies the apparatus, and/or the like. In such an example embodiment, the firmware download request may comprise information indicative of the identity of the apparatus. As such, the firmware may be based, at least in part, on the identity of the apparatus. In at least one example embodiment, an apparatus determines a type of the apparatus. For example, the apparatus may retrieve a model number associated with the apparatus, a serial designation associated with the apparatus, etc. from memory, from a separate apparatus, and/or the like. In such an example embodiment, the firmware download request may comprise information indicative of the type of the apparatus. As such, the firmware may be based, at least in part, on the type of the apparatus.

[0103] In at least one example embodiment, an apparatus receives firmware update information from a separate apparatus. For example, the apparatus may receive the firmware update information from the separate apparatus based, at least in part, on the firmware download request. The firmware update information may comprise a firmware for the apparatus, a portion of the firmware for the apparatus, instructions regarding the updating of the firmware of the apparatus, and/or the like. In at least one example embodiment, an apparatus updates the firmware of the apparatus based, at least in part, on the firmware update information. For example, the firmware update information may comprise the entirety of the firmware for the apparatus. In such